How to use this manual

This manual explains how to set up
and operate the **Beogram 5500** *record player.*

The instructions refer to the buttons under the dust cover. Each button to be pressed is indicated as a small box with the appropriate text or symbol inside it.

For remote controlled operation, please refer to the Master Control Panel 5500 manual.

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This record player fulfils the conditions stated in the EEC directive 82/499 concerning radio frequency interference.

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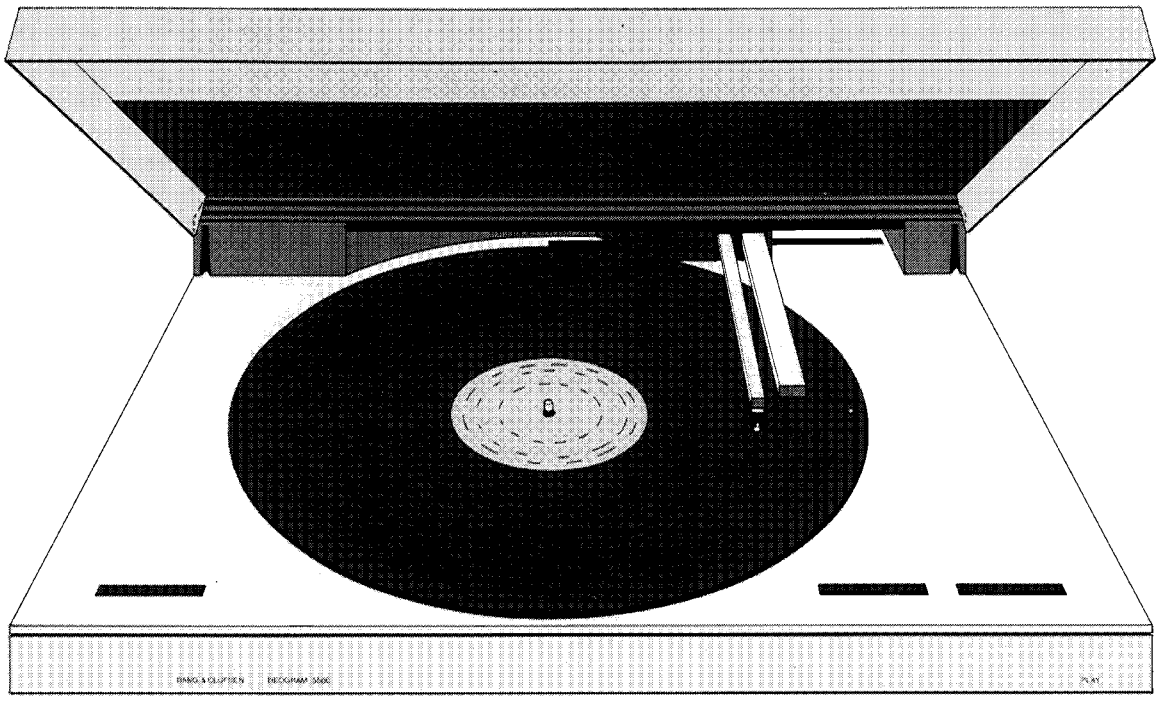
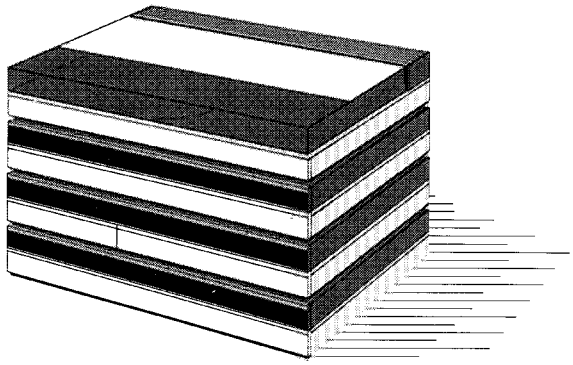
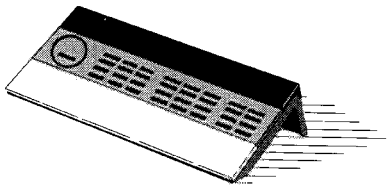

BANG & OLUFSEN
BEOGRAM 3000
PLAY

Beosystem 5500





The Beosystem 5500 is easy and very convenient to use – you can in fact operate the whole system without leaving your chair.
The Master Control Panel 5500 is the key to the system and it communicates with the brain of the system, the Beomaster 5500. Together they form the basis of the system. The other units in the system, the Beocord 5500, the Beogram 5500 and the Beogram CD 5500, are modules with which you can extend your Beosystem 5500 or use in conjunction with other systems, if you like.

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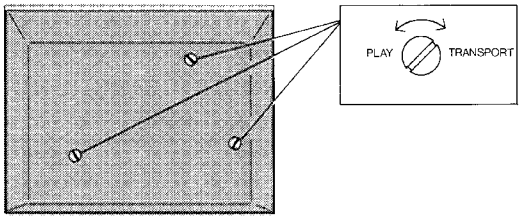
Setting up

Loosening the transport screws

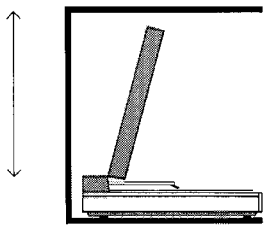


Before using the record player you must loosen the three transport screws underneath it.

Place the record player on a table, letting it stand out beyond the edge of the table. Hold the record player firmly and turn it carefully to locate the three transport screws. Using a screwdriver or a coin turn each screw anti-clockwise until it comes loose (several turns). The screws cannot be removed from the holes.

If you ever have to carry the record player again, we strongly recommend that you retighten the three transport screws.

Where to put the record player



The record player must be placed horizontally on a stable surface. Allow a space of at least 30 cm above the record player so that the dust cover can open freely. Avoid placing it in direct sunlight or near radiators or other sources of heat.

If your Beogram 5500 is to be used in conjunction with other units in the Beosystem 5500, you may place the Beogram on top of any of the other units, as in a rack system, or you may place them next to one another.

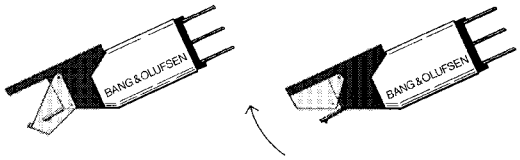
Making the record player ready for play

When removing the foam rubber pieces protecting the tonearm, be careful not to touch the stylus.

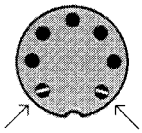
Place the turntable platter on the turntable platform.

Check that the turntable can move freely with a kind of springy movement.

Raise the stylus guard on the cartridge.



Connection to receiver



Plug the 7 pin DIN cable into the PHONO socket on the Beomaster 5500.

For use with another receiver, e.g. one having a 5 pin DIN socket or phono sockets, do as follows:

Unscrew the two extra pins with grooves using a tiny screwdriver and plug the cable into the 5 pin DIN socket on the receiver. If your receiver has phono sockets, connect an adaptor (Bang & Olufsen part no. 6270208) and plug it into the phono sockets on your receiver.

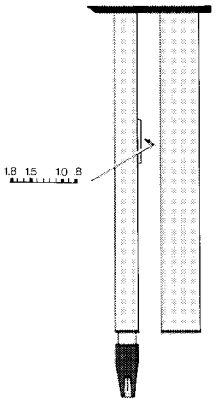
Stand-by mode

Once connected to the mains supply, the record player is in so-called stand-by mode and ready to be operated. If connected to the Beomaster 5500, it can be remote-controlled by using the Master Control Panel 5500.

At the end of a record, playing stops automatically. The record player then reverts to stand-by mode and within 30 minutes the other units in the Beosystem 5500, if any, will also switch to stand-by mode.

Adjusting stylus pressure

The stylus pressure must be adjusted to match the type of Bang & Olufsen MMC cartridge fitted on the tonearm.



Set the slider on the right-hand side of the tonearm to the appropriate value:

MMC 1 = 1.0 gram
MMC 2 = 1.0 gram
MMC 3 = 1.2 grams
MMC 4 = 1.2 grams
MMC 5 = 1.5 grams

If you want to check the stylus pressure using a stylus pressure gauge, place the gauge underneath the stylus, press [LIFT>] and keep the button depressed for more than 2 seconds. The tonearm will then lower onto the gauge, and you can read off the pressure on the gauge.

Playing a record

Start playing

Place the record on the turntable.

Press [<TURN] if you want to make the turntable rotate in order to clean the record. The tonearm will then move towards the lead-in groove of the record and be hovering there while the turntable is rotating.

Press [PLAY] to start playing.

You may also tap the right-hand side of the front panel where it is marked PLAY to start playing.

If there is no record on the turntable, the turntable will do only a few rotations, and the tonearm will not leave its resting position.

Setting speed

The record player automatically registers the size of the record and determines the speed accordingly (33 or 45 rpm). This is indicated on the indicator arm parallel to the tonearm.

However, you may have to set the speed manually, if for instance your record is one of LP size but requiring 45 rpm. To do so, start playing by pressing [PLAY] and then press [45] (or [33] as the case may be). You can change the speed any time during play, if you like.

Pausing

Press [LIFT>] to lift the tonearm off the record. The turntable will continue rotating and the tonearm will be hovering above the groove where it was lifted.

Press [PLAY] to lower the tonearm and continue playing.

If you don't resume playing within approximately 8 minutes of lifting the tonearm, the record player will automatically revert to stand-by mode.

Stepping through the record

Without stopping the record and without steering the tonearm manually, you can move the tonearm to any position on the record you like and resume playing from there.

Press [<TURN] to move the tonearm towards the centre of the record, or press [LIFT>] to move the tonearm towards the edge of the record.

Keep [<TURN] or [LIFT>] depressed until you find the spot where you want playing to be resumed. Then release the button and press [PLAY] to lower the tonearm onto the record and resume playing.

During this step procedure a tiny beam of light helps you find the spot desired.

Stop playing

Press [●] to stop playing the record.

The tonearm lifts off the record and automatically reverts to its resting position. Then the record player switches to stand-by mode.

If you keep [●] depressed for more than 2 seconds, the other units in the Beosystem 5500, if any, will also switch to stand-by mode.

Repeating a record

You can, if you like, make the record player play a record up to 7 times in a row.

Press [PLAY] once to start playing. Then press [PLAY] again the number of times you want the record to be repeated.

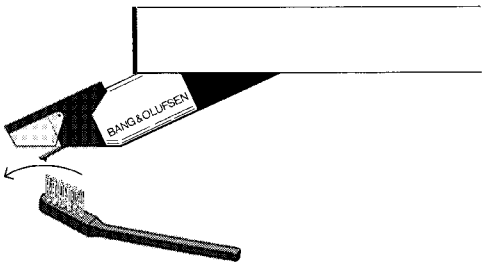
If a record is going to be repeated, the speed indicator will blink.

If you use [<TURN], [LIFT>] or [●], the repeat function will be cancelled.

Maintenance

Stylus

Fluff and dust can build up on the tip of the stylus and cause distortion during play. Therefore, clean the stylus every now and then using the tiny brush provided.



Carefully stroke the stylus from the back of the cartridge towards the front.

Do not use any chemical fluids to clean the stylus.

Reducing the amount of dirt and dust on the record to a minimum is of course the best way to keep the stylus clean and thus to ensure optimum performance. For this purpose we recommend you use the Bang & Olufsen LP Protector record maintenance kit.

The Bang & Olufsen LP Protector is available from your Bang & Olufsen dealer.

Record player

Wipe off dust with a soft, dry cloth. Use window cleaner to remove grease stains.

Be careful not to touch the cartridge and the stylus.

Never use denatured alcohol to clean any parts of the record player.

Technical specifications

Beogram 5500	
Type no.	**5941/5944/5945**
Tonearm	Tangential Optimum Pivot Point
Motor	Servo-controlled DC
Wow and flutter, DIN	<0.06%
Wow and flutter, WRMS	<0.03%
Rumble DIN weighted	>80 dB
Rumble DIN unweighted	>55 dB
Speeds	33-45 rpm
Speed deviation	<±0.2%
Power supply	5941: 190-265 V
	5944: 90-130 V
	5945: 190-265 V
Power frequency	50-60 Hz
Power consumption	<10 watts
Dimensions W x H x D	42 x 7.5 x 32.5 cm
Weight	5.3 kg
MMC 4 cartridge	
Recommended tracking force	12 mN/1.2 grams
Frequency range	20-20,000 Hz ±2.5 dB
Channel separation:	
1000 Hz	>22 dB
50-15,000 Hz	>17 dB
Channel difference	<2 dB
Stylus	Elliptical diamond 6 x 17 µm
Cantilever	Tapered aluminium tube
Effective tip mass	0.4 mg
Compliance	25 µm/mN
Sensitivity mV/cm/s RMS	>0.6 mV
Output 5 cm lateral RMS	>2.12 mV
Cartridge weight	1.6 grams
Subject to change without notice	

For the UK market only

IMPORTANT
The wires in the mains lead supplied with this apparatus are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your unit, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Ensure that your equipment is connected correctly. If you are in any doubt, consult a qualified electrician.

International guarantee

This Bang & Olufsen product carries a guarantee against defects in workmanship and materials. It is a national guarantee, extended by Bang & Olufsen to the country in which the product was bought. The terms of the guarantee apply principally to the country of purchase but will be met by authorized Bang & Olufsen dealers in other countries. The guarantee period applying to the country of purchase takes priority over guarantee periods applying in other countries, even where differences exist.

In order to obtain service under this guarantee from a dealer in a country other than that in which the product was bought, the guarantee form must be completed in full and presented to the dealer.

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